

#4 H2S NEW/OPEN ADDITIONAL CONSIDERATIONS										
DEVIATION	POSSIBLE CAUSES	POTENTIAL CONSEQUENCES	EXISTING SYSTEMS & PROCEDURES	NO.	S	L	R	SOE	ADDITIONAL CONSIDERATIONS	
P&ID No.: D-318798-13		P&ID Title: C-1030, P-1030, TP-1030/A & E-1031								
Section No.: 13-R		Description: C-1030 Bottoms out Thru P-1030/A and LCV-1030 to V-801 and thru FCV-1032 to C-1030.								
Design Intention: To recirculate and cool sour water from the bottom of C-1030, back to C-1030, and to pump excess sour water to V-801 on C-1030 Level Control.										
Reverse Flow	20 Plant KOs routed to discharge of P-1030.	Higher pressure from 20 Plant causes backflow into C-1030. 20 Plant may contain hydrocarbons. Hydrocarbon contamination may result in SRU upsets and/or shutdown.	Operator surveillance. Redesigned pump, P-2070, installed at Plant 20 to reduce need to route to #4 H2S.	13-14a	3	2	3	O	Consider blinding both ends of the piping between V-2010 hydrocarbon blowdown and V-801. Consider communicating to all impacted crews that they should ;not use the direct route to V-801 because of the potential to backflow hydrocarbons to C-1030. These two ACs are from the RIC-02-0201 report.	